

MEETING MINUTES

KELLY AFB TECHNICAL REVIEW SUBCOMMITTEE (TRS) TO THE RESTORATION ADVISORY BOARD (RAB)

26 September 2001, Cortez Library,
2803 Hunter Road
Dr. Gene Lené, TRS Community Co-chair

Attendees

Dr. Gene Lené, Community Co-chair	Mr. John Glass, AFBCA
Mr. George Rice, Community Member	Mr. Scott Lampright, Bexar Co. EM
Mr. Dan Zatopek, AFBCA	Mr. Chuck Meshako, AFBCA
Mr. Doug Karas, AFBCA	Mr. Val Martinez, BA&H
Mr. Robert Miller, Booz-Allen & Hamilton (BA&H)	Ms. Tracy McLoughlin, BA&H
Ms. Lynn Myrick, BA&H	Ms. Vanessa Musgrave, AFCEE
Mr. William Ryan, AFBCA	Mr. Ron Porter, Mitretek
Mr. Mark Weegar, TNRCC	Ms. Laura Stankosky, U.S. EPA
Mr. Armando R. Quintanilla, Community Member	

I. Introduction: The meeting began at 6:42 p.m.

Mr. Dan Zatopek proposed a review question regarding Zone 4. The original 1999 Technical Assistance for Public Participation (TAPP) Order was for the review of the final draft report form, executive summary Zone 4. AFBCA wants feedback from the TRS on whether the contractor needs to review the whole report. To review the entire report would change the scope of work and the original cost estimate. The other two options are to have the contractor focus on the Zone 4 Operable Unit (OU) 2 or just regroup and start over.

Discussion

Mr. George Rice: Provide the larger document to the contractor for reference and have them focus on the OU 2.

The TRS decided to provide the entire report for reference purposes and have the contractor review only the OU 2 portion.

II. Presentation on Explanation of Recycling of Building 301 Materials

Mr. John Glass, AFBCA, presented information on the recycling efforts going on at Building 301. These efforts include equipment removal to include reuse of tanks, vats, cranes, and so forth; recycling of 680 tons of steel after decontamination; and disposal of steel and miscellaneous debris. The current effort includes the recycling of mercury and batteries and the disposal of the basement concrete. Some of the concrete is hazardous; the majority

would have been sent to be recycled. The pending efforts provide the subcontractor the discretion to recycle or dispose of all the materials. The disposal classification is Class II if not recycled. Class II is neither inert nor hazardous. The debris will include 15K–20K tons of concrete, and 2.5 K tons of steel and other materials (e.g. copper and lumber). The disposal of the debris will be left up to the subcontractor, which is usually the most cost-effective method.

Discussion

Q. Mr. Quintanilla: What is the cost for this project?

A. Mr. Glass: \$2.9 million

Q. Mr. Quintanilla: What are the chromium levels for the building?

A. Mr. Glass: Different areas had different values; once washed off, the levels are barely detectable.

A. Mr. William Ryan: AFBCA will get back with Mr. Quintanilla on the chromium levels.

Q. Mr. Quintanilla: Does the \$2.9 million include the recycling and disposal of the building?

A. Mr. Glass: The contractor figures the differential for the recycling costs when they bid the project.

Discussion regarding missing community member minutes from a previous TRS meeting

Mr. Rice requested a copy of Mr. John Folk-Williams' notes from the 12 June TRS meeting. He is concerned that this request has not been fulfilled. Ms. Lynn Myrick mentioned that they had contacted Mr. Folk-Williams but they could not find his personal notes. Mr. Rice stated that he wanted those notes to prove that a CH2M Hill employee did in fact state that the majority of the plumes came from East Kelly activity. Mr. Rice would also like to see CH2M Hill brief the TRS again and restate the comments made at the 12 June meeting. If this is not possible, Mr. Rice would like a copy of the presentation that was given. Mr. Mark Weegar voiced a concern that the TRS/RAB charter was intended for free exchange and that it was not to be used as a basis for future litigation. This prompted a debate, which concluded that this forum was not to establish legality issues.

III. Presentation on Produce Sampling Project

Mr. Ron Porter, Mitretech, presented information on the food chain sampling project. The project will sample and analyze the community's fruits, nuts, and vegetables. The contract will be awarded to CH2M Hill with the Southwest Research Institute (SWR) to conduct the sampling and analysis of pecans, peppers, tomatoes, and bananas. The SWR has been analyzing produce primarily for pesticides for the past 40 years. The SWR will be responsible for the sampling, transportation, extraction, and analysis of all produce. The San Antonio Metropolitan Health District (SAMHD) will identify the community members that would like to participate.

Discussion

Q: Mr. Quintanilla: Why not sample carrots and potatoes?

A: Mr. Porter: Due to the weather (heat), this produce would not be sampled.

Q: Mr. Quintanilla: I understand the University of Iowa has conducted similar studies.

A: Mr. Porter: Hill AFB has studied tomatoes under optimal conditions, and Brooks AFB has sampled pecans. To date, there are limited data available. This project will be a survey, consisting of 56 samples from areas within the plume.

Q: Mr. Rice: Are residents that use the groundwater from personal wells for irrigation going to be tested? Who will be tested?

A: Mr. Porter: Presently we know of no one that is irrigating with the shallow groundwater. Residents that have requested sampling and residents that have annotated concern on the Health Screening Clinic Surveys will be given the opportunity to participate.

Q: Mr. Rice: A list sent to the County included people that irrigated with the shallow groundwater; are you familiar with this?

A: Mr. Porter: This is taken into consideration; about five people have annotated that they have irrigated with shallow groundwater, and through the SAMHD it has been determined that these five residents are no longer irrigating with the shallow groundwater.

Q: Mr. Quintanilla: Are the pecan trees on base, where the concentrations are high, going to be tested? The AF should also sample on base at the General's quarters where the concentration is highest.

A: Mr. Porter: Initially, we need to concentrate on the community's concerns first. As for the General's quarters, that was a good concern.

Q: Mr. Weegar: What is the SAMHD's role?

A: Mr. Porter: They have experience in dealing with the community and will be conducting the initial screening for the particular vegetables that the residents are growing and whether they can be sampled.

Q: Mr. Quintanilla: The SAMHD has provided 800 health screenings and has gathered information on gardens and the location of the residents.

A: Mr. Porter: The clinic data constitute the initial screening list for potential participants.

Q: Dr. Gene Lené: Are there no data and literature on similar studies?

A: Mr. Porter: Very little data are available due to the type of produce we are sampling and the chemicals of concern. Hill AFB did conduct a study that showed minimal uptake by tomato produce, but this was a controlled environment.

Q: Mr. Rice: What contaminants will be tested?

A: Mr. Porter: Trichloroethylene (TCE), perchloroethylene (PCE), and their daughter products.

Q: Mr. Rice: What about heavy metals?

A: Mr. Porter: There is not a heavy metal plume.

Q: Mr. Rice: There are some hot spots with nickel and chromium. What is the detection limit?

A: Mr. Porter: A low detection limit for water, 1 ppb, that would correlate to the low teens for the produce media.

Q: Mr. Quintanilla: A map shows high concentrations of chromium and nickel.

A: Mr. Porter: We will have to look at the map and address that concern.

IV. Presentation on Radium Investigation Update

Mr. Jack Shipman presented a briefing on the update for three priority sites, Building 326, Building 375-2LM, and Building 324. The briefing concentrated on B326. The current status for B326 is that radium contamination is above action levels for the interior and exterior. The interior delineation was completed as of 21 September 2001. The highest readings were found under the crawlspace of the locker room. Exteriorly, 80+ sanitary/storm sewer, water, and electric manholes were investigated. There are two impacted sanitary manholes and one water valve manhole. The shallow groundwater analysis from wells near the perimeter showed no impact. The Former Kelly waste water treatment plant's (WWTP) sludge drying beds are impacted, but the off-base City WWTP had not been impacted. A characterization report is due approximately 1 October 2001. The comment period will be from 9 October to 9 November 2001. The remediation is projected to begin in 3 months, approximately January 2002.

Q: Dr. Lené: Why is the contamination so high in the crawlspace?

A: Mr. Shipman: We think that the locker room was right there and there was crawlspace for the plumbing. Showers were taken there and tools washed there.

Q: Mr. Lampright: What type of radiation is this?

A: Mr. Shipman: I am not a health physicist, but my contractor probably takes a combination readout.

Q: Mr. Weegar: 8 x background-how does that equate to the 100 mrem/yr?

A: Mr. Shipman: It differs for each situation depending on the background.

Q: Mr. Weegar: 100 mrem/yr.-is that the dosage?

A: Mr. Rice: This is always a confusing point because you have to add the background contamination.

Q: Mr. Quintanilla: How much will this cost for all three buildings?

A: Mr. Shipman: B326, \$3 million; B375, \$100,000; and B324, 2-3 million

Q: Mr. Rice: How did the radium get in there?

A: Mr. Shipman: Probably poor housekeeping, small spills, coupled with mop sinks and floor drains.

V. Review of Latest Draft of Plume Maps for Public Distribution

Mr. William Ryan presented the draft plume maps and opened the matter for discussion.

Discussion

Q: Mr. Rice: It seems like the other versions were easier to read, clearer, and crisper. Is this the way you intend to reproduce them?

A: Ms. Myrick: These are color copies; the other ones are from plotter printers. Currently, 50 copies will be produced, maybe more.

Q: Mr. Rice: Are you going to put them on the web in PDF format?

A: Ms. Myrick: Yes, that is a good idea. We had planned to do this; there has been a congressional request to do such.

PCE Map

It was brought up that the word “Olympic” should be capitalized; it is a proper name. It was determined that AFBCA would follow the Associated Press Style Guide on this issue for all maps. The contour lines < 1 should be <5.

TCE Map

“Nickel” is misspelled. The contour lines < 1 should be <5.

Vinyl Chloride Map

Area between light and blue should be 2-10. The word “line” needs to be taken out.

Total VOC Map

It was determined that this map would be the one where the city council boundaries are shown. The map will be renamed to “Total Volatile Compounds” with the “COC” in parentheses. The contour lines < 1 should be <5.

Miscellaneous Map Discussion

The statement “The Shallow Groundwater is not known to be used for drinking...” will be placed on all maps. All maps will be mounted and available for the RAB meetings. It was determined that the maps would not be mailed out due to cost effectiveness, but would be on display at the RAB meeting where people could sign up to receive a copy. The maps will also be posted to the web site, and a distribution list will be developed to include ideas such as placement at local entities (schools, clinics, etc.).

VI. Discussion on RAB/TRS Recommendation for Zone 4 Remedy

It was determined that the RAB should make a formal presentation to the San Antonio City Council regarding the RAB recommendation for a Zone 4 Remedy. The development of RAB recommendations and the presentation will be put on the RAB agenda for 16 October 2001. This will allow Dr. Lené to present the recommendations to the City Council on 18 October 2001.

VII. Administrative

A. BCT Meeting Update

1. BCT notes will be in the RAB handouts.
2. Redevelopment
 - a. Working to get people into Bldg. 171
 - b. Meet with Edgewood School District Superintendent to discuss the usage of approximately 10 acres in the northern corner of former Kelly AFB, on Growdon Rd.
 - c. Reuse of Bldg. 1575 for Boeing.
3. Zone 5 Interim Actions
 - a. Plan for next year is to address TCE south of Growden.
 - b. Originally proposed a pump and treat, now looking at a reactive wall along side Bldg. 1533. The wall will have iron filings.
4. Zone 2/3 Actions
 - a. Interim actions: Containment (Zone 2); site E1: old electric plating evaporation pit.
 - b. Interim action: Soil removal, containment and or wall for Bldg.
 - c. Discussion on the property that was realigned to Lackland AFB. The Compliance Plan still shows Kelly as responsible, but LAFB Environmental was handling the golf course.

B. Spill Report: No spills

C. Documents Delivered to TRS: Pending

D. Action Items

1. Mr. Quintanilla would like the chromium and nickel levels for Bldg. 301.
2. Mr. Quintanilla asked for more data on the 301 project at the next TRS.
3. Mr. Rice requested that the members receive the minutes earlier for their review.

E. Agenda for Next Meeting: No items were discussed.

F. Next TRS Meeting: The next meeting will be 13 November 2001. Location to be determined.

Adjournment: The meeting adjourned at 9 p.m.